



Docket No: 2751.2001US7

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Christopher J. Nagel
Application No.: 10/823,404 Group Art Unit: 1742
Filed: April 13, 2004 Examiner: Not Assigned
Confirmation No.: 3242
Title: COMPOSITION OF MATTER TAILORING: SYSTEM I

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| CERTIFICATE OF MAILING OR TRANSMISSION | |
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on: | |
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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.129(a), or
(First/Second submission after Final Rejection)
- ☒ under 37 CFR 1.97(b), or
(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).
- ☐ under 37 CFR 1.97(c) together with either:
☐ a Statement under 37 CFR 1.97(e), as checked below, or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with:
☐ a Statement under 37 CFR 1.97(e), as checked below, and
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)
- ☐ under 37 CFR 1.97(i):
Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper. (Filed after payment of issue fee)

Statement Under 37 CFR 1.97(c)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

(Applies to original applications (other than design) filed on or after May 29, 2000)

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in -§ 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
- ☒ Copies of the cited references (AJ2 and AK2) are enclosed.
- ☒ Copies of all cited references are enclosed in prior application, U.S. Application No. 09/146,720 and 10/123,028, and 10/691,391 to which priority under 35 U.S.C. 120 is claimed. The earlier application contains copies of the cited references.
- ☒ The listed references (AC2-AF2, AN, and AF3-AH3) were cited in the enclosed International Search Report in a counterpart foreign application.
- ☐ The "concise explanation" requirement (non-English references) for reference(s) ☐ under 37 CFR 1.98(a)(3) is satisfied by:
- ☐ the explanation provided on the attached sheet.
 - ☐ the explanation provided in the Specification.
 - ☐ submission of the enclosed International Search Report.
 - ☐ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
 - ☐ the enclosed English language abstract.

The Examiner is requested to return a copy of the list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

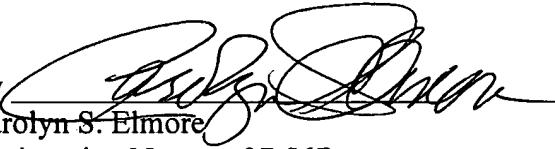
Method of payment:

- ☐ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.
- ☐ Please charge Deposit Account ☐ in the amount of [\$]. A copy of this Statement is enclosed.
- ☐ Please charge any deficiency in fees and credit any overpayment to Deposit Account 502807.

Respectfully submitted,

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Dated: 7/24/04

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| PTO-1449 REPRODUCED INFORMATION DISCLOSURE CITATION IN AN APPLICATION July 23, 2004 (Use several sheets if necessary) | ATTORNEY DOCKET NO. 2751.2001 US7 | | APPLICATION NO. 10/823,404 | |
| | APPLICANTS Christopher J. Nagel | | | |
| | FILING DATE April 13, 2004 | | CONFIRMATION NO. 3242 | GROUP NO. 1742 |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | |
|--|--|-----|---|--|
| | | AR | Job, Jennifer, "New Carbon Molecules Make Stronger Metals," <i>The World and I</i> , April 1999, pp. 170-177. | |
| | | AS | Burstein, <i>et al.</i> , "Electrochemically Induced Annealing of Stainless-Steel Surfaces," <i>Nature</i> , 407:885-887 (2000). | |
| | | AT | Gorman, J., "New Work Improves Stainless Steel Surface," <i>Science News</i> , 158:263 (2000). | |
| | | AU | Weiss, P., "Pores of Glass Skin Shrink from Light," <i>Science News</i> , 158:312 (2000). | |
| | | AV | Weiss, P., "Light Pulses Flout Sacrosanct Speed Limit," <i>Science News</i> , 157:375 (2000). | |
| | | AW | Weiss, P., "Vibrations Flit Along Water's Fast Lane," <i>Science News</i> , 156:358 (1999). | |
| | | AX | Weiss, P., "Electron Breakup? Physics Shake-up," <i>Science News</i> , 158:216 (2000). | |
| | | AY | Milius, S., "Wasps Drive Frog Eggs to (Escape) Hatch," <i>Science News</i> , 158:246 (2000). | |
| | | AZ | Gorman, J., "Crystal Reveals Unexpected Beginnings," <i>Science News</i> , 158:84 (2000). | |
| | | AR2 | Weiss, P., "Voltage Flip Turns Magnetism on, off," <i>Science News</i> , 158:63 (2001). | |
| | | AS2 | Ohno <i>et al.</i> , "Electric-field Control of Ferromagnetism," <i>Nature</i> , 408:944-946 (2000). | |
| | | AT2 | Weiss, P., "Light Stands Still in Atom Clouds," <i>Science News</i> , 159:52 (2001). | |
| | | AU2 | Gorman, J., "Strange Crystal Birth Found in Mine," <i>Science News</i> , 158:207 (2000). | |
| | | AV2 | Holzheld, <i>et al.</i> , "Evidence for a Late Chondritic Veneer in the Earth's Mantle From High-Pressure Partitioning of Palladium and Platinum," <i>Nature</i> , 406:396-399 (2000). | |
| | | AW2 | Kishimoto, <i>et al.</i> , "Observation of Nuclear Excitation by Electron Transition in ¹⁹⁷ Au with Synchrotron X Rays and an Avalanche Photodiode," <i>The American Physical Society</i> , 85:1831-1834 (2000). | |
| | | AX2 | Carreyre, <i>et al.</i> , "First Direct Proof of Internal Conversion Between Bound States," <i>The American Physical Society</i> , 62:024311-1/024311-8 (2000). | |
| | | AY2 | Jacoby, Mitch, "Picture-Perfect Orbitals," <i>C&EN</i> , p. 8, September 6, 1999. | |
| | | AZ2 | Zuo, <i>et al.</i> , "Direct Observation of d holes and Cu-Cu Bonding in Cu ₂₀ ," <i>Nature</i> , 401:49 (1999). | |

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| EXAMINER | DATE CONSIDERED |
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION

July 23, 2004

(Use several sheets if necessary)

ATTORNEY DOCKET NO.

2751.2001 US7

APPLICATION NO.

10/823,404

APPLICANTS

Christopher J. Nagel

FILING DATE

April 13, 2004

CONFIRMATION NO.

3242

GROUP NO. _____

1742

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

DATE CONSIDERED